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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/579,393	05/26/2000	Thomas M. Krikorian	9660-000001	7066

7590 03/09/2007  
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EXAMINER
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ALAM, UZMA

ART UNIT	PAPER NUMBER
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2157

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/09/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

# Office Action Summary

Application No.

09/579,393

Applicant(s)

KRIKORIAN ET AL.

Examiner

Uzma Alam

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 06 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-50 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 May 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

***Response to Amendment***

This action is responsive to the amendment filed on December 18, 2006. Claim 1-50 are pending. Claims 1-50 represent a system and method for a media playback system connected to a network. Claims 1 and 24 are amended to include new limitations.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 4, 8-12, 14, 16, 17, 19-25, 27, 31-35, 37, 39, 40 and 42-46 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Krikorian US Patent No. 5,726,909. Krikorian teaches the invention as claimed including a continuous play of background music system.

As per claims 1 and 24, Krikorian teaches the continuous play broadcast system and method comprising a continuous play broadcast system comprising:

a distributed communications system (column 1, lines 6-12);

a playback control device that is connected to said distributed communications system and that includes an output device, memory that stores digital media files and a continuous play program, and a controller that outputs said digital media files to said audio output device according to said continuous play program wherein said media files include at least one of audio,

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video and announcements (end users; column 3, lines 59-67; column 4, lines 1-14; column 4, lines 41-58);

a computer that is connected to said distributed communications system and accessing a web site via said distribute communications system using a computer and a web browser (end users; column 3, lines 33-46); and

a web server that is connected to said distributed communications system and to a master library of said digital media files, wherein said computer accesses said web server via said distributed communications system and via said website to alter said continuous play program for said playback control device (central computer; column 3, lines 1-17; column 4, lines 59-67; column 5; column 6, lines 1-4).

As per claims 2 and 25, Krikorian teaches the continuous play broadcast system and method of claims 1 and 24 wherein said computer includes a browser module for accessing said web server and wherein said web server transmits executable files to said computer for creating said continuous play program (column 4, lines 27-40; column 5, lines 10-18; column 7, lines 36-45).

As per claims 6 and 29, Krikorian teaches the continuous play broadcast system of claims 2 and 25 wherein said executable files allow said computer to select a plurality of predetermined collections of said digital media files, to allocate percentages of time for playing said collections and to create a composite collection that randomly selects said digital media files from said collections based on said allocated percentages (column5, lines 33-43).

As per claims 7 and 30, Krikorian teaches the continuous play broadcast system of claims 6 and 29 wherein said executable files allow said computer to select at least one of said digital media files within said predetermined collections and to adjust the frequency at which said at least one of said digital media files is played in said composite collection (column 5, lines 44-50).

As per claims 8 and 31, Krikorian teaches the continuous play broadcast system and method of claims 6 and 29 wherein said executable files allow said computer to select at least one of said digital media files within said predetermined collections and to prevent said at least one of said digital media files from playing in said composite collection (Krikorian column 5, lines 51-67).

As per claims 9 and 32, Krikorian teaches the continuous play broadcast system and method of claims 6 and 29 wherein said executable files allow said computer to select at least one of said digital media files within said predetermined collections and to prevent said at least one of said digital media files from playing during preselected times in said composite collection (Krikorian column 5, line 51-67).

As per claims 10 and 33, Krikorian teaches the continuous play broadcast system and method of claims 6 and 29 wherein said executable files allow said computer to assign said

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predetermined collections to a time-based schedule that forms part of said continuous play program (Krikorian column 6, lines 36-64).

As per claims 11 and 34, Krikorian teaches the continuous play broadcast system and method of claims 10 and 33 wherein said executable files allow said computer to assign said composite collection to said time-based schedule (Krikorian column 6, lines 36-64).

As per claims 12 and 35, Krikorian teaches the continuous play broadcast system and method of claims 10 and 33 wherein a smallest time unit provided in said time-based schedule can be varied (Krikorian column 6, lines 36-64).

As per claim 14 and 37, Krikorian teaches the continuous play broadcast system and method of claims 2 and 25 wherein said executable files allow said computer to access continuous play programs for a plurality of said playback control devices (column 5, lines 10-50).

As per claims 16 and 39, Krikorian teaches the continuous play broadcast system and method of claims 2 and 25 wherein said executable files allow said computer to display a digital media file that is currently being played by said playback control device and at least one digital media file that follows said digital media file that is currently being played (column 5, lines 51-67).

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As per claims 17 and 40, Krikorian teaches the continuous play broadcast system and method of claims 16 and 24 wherein said web server delivers at least one digital media file to said computer as a streaming media file for output to said output device connected to said computer (column 4, lines 27-40).

As per claims 19 and 42, Krikorian discloses the continuous play broadcast system and method of claims 2 and 25 wherein said executable files allow said computer to select business hours to operate said playback control device (column 6, lines 65-67; column 7, lines 1-6).

As per claims 20 and 43 Krikorian discloses the continuous play broadcast system and method of claims 2 and 24 wherein said web server includes a password logon security module for accessing said continuous play programs (column 4, lines 15-26).

As per claims 21 and 44 Krikorian discloses the continuous play broadcast system and method of claims 2 and 24 wherein said master library further contains at least one of digital announcement files, video files, and text/graphics files (column 3, lines 9-17).

As per claim 22 and 45, Krikorian discloses the continuous play broadcast system and method of claims 21 and 25 wherein said executable files allow said computer to schedule at least one of said digital announcement files in said continuous play broadcast of said playback control device (column 6, lines 16-67; Figure 4).

As per claims 23 and 46, Krikorian discloses the continuous play broadcast system and method of claims 22 and 25 wherein said executable files allow said computer to schedule at least one of said digital announcement files and said video files in said continuous play broadcast of said playback control device on a recurring basis (column 6, lines 58-64).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3, 5, 13, 15, 18, 26, 28-30, 36, 38 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krikorian US Patent No. 5,726,909 in view of Leek et al. US Patent No. 6,587,127. Leeke discloses the invention substantially as claimed including a content player with user profile.

As per claims 3 and 26, Krikorian discloses the continuous play broadcast system and method of claims 2 and 25. Krikorian does not disclose wherein said executable files are at least one of Active-x components, Java Applets and Java Script. Leeke discloses Java Applet files. See column 4, lines 50-67. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine the Java Applets of Leeke with the executable files of



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Krikorian. A person of ordinary skill in the art would have been motivated to do this to accommodate a variety of browsers.

As per claims 5 and 28, Krikorian discloses the continuous play broadcast system and method of claims 2 and 24 wherein said executable files allow said computer to select and manage custom playlists by selecting a plurality of said digital media files from said master library and by allowing at least one of sequencing said digital media files and playing said digital media files. See column 4, lines 59-67; column 5, line 1-32. Krikorian does not explicitly disclose randomly playing the files. Leeke discloses randomly playing the files. See column 8, lines 3-31. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine playing of Krikorian with randomly playing of Leeke. A person of ordinary skill in the art would have been motivated to do this to provide personalized content.

As per claims 13 and 36, Krikorian teaches the continuous play broadcast system and method of claims 2 and 24. Krikorian does not disclose wherein said executable files allow said computer to select and arrange custom collections by allowing at least one of selecting a plurality of said digital media files from said master library and by sequencing said digital media files and randomly playing said digital media files. See column 6, lines 11-20; column 8, lines 4-31; column 48, lines 48-67. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine playing files of Krikorian with selecting files of Leeke. A person of ordinary skill in the art would have been motivated to do this to provide personalized content.

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As per claims 15 and 38, Krikorian teaches the continuous play broadcast system and method of claims 14 and 25. Krikorian does not disclose wherein said executable files allow said computer to group at least two of said playback control devices and to create a common continuous play program for said at least two of said playback control devices. Leeke discloses grouping two playback control devices. See column 49, lines 36-65. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine playback control devices of Krikorian with grouping the devices of Leeke. A person of ordinary skill in the art would have been motivated to do this to integrate audio and video files.

As per claims 18 and 41, Krikorian teaches the continuous play broadcast system and method of claims 1 and 24. Krikorian does not disclose wherein said web server stores a profile for said playback control device. Leeke discloses storing a profile. See column 6, lines 11-20. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine a profile of Leeke with the web server and library of Krikorian. A person of ordinary skill in the art would have been motivated to do this to manage user data and preferences.

Claims 47-50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krikorian US Patent No. 5,726,909 in view DeMoney US Patent No. 5,726,909.

As per claims 47 and 49, Krikorian teaches the continuous play broadcast system of claims 1 and 24. Krikorian does not teach wherein the computer alters the play programs for a plurality of playback control devices. DeMoney teaches wherein the computer alters the play programs for a plurality of playback control devices. See column 4, lines 24-50. It would have

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been obvious to a person of ordinary skill in the art at the time of the invention to combine the playback control device independent from the computer of DeMoney with the bridging station of Krikorian. A person of ordinary skill in the art would have been motivated to do this to be able to service and give more function control to a large number of end users (Krikorian column 3, lines 46-57).

As per claims 48 and 50, Krikorian teaches the continuous play broadcast system of claim 1. Krikorian does not teach wherein said computer groups at least two of said playback control devices and creates a common continuous play program for said at least two of said playback control devices. DeMoney teaches wherein said computer groups at least two of said playback control devices and creates a common continuous play program for said at least two of said playback control devices. See column 4, lines 9-50. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine the playback control device independent from the computer of DeMoney with the bridging station of Krikorian. A person of ordinary skill in the art would have been motivated to do this to be able to service and give more function control to a large number of end users (Krikorian column 3, lines 46-57).

### ***Response to Arguments***

1. The Office notes the following arguments in the response dated December 18, 2006.
  - a. That the reference Whilte is misapplied to Claim 1.
  - b. The reference White does not teach a continuous play program
  - c. That the reference does not teach a computer that is independent from the playback control device.

2. In response to arguments:

a) and b) Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

3. c) Applicant's arguments filed have been fully considered but they are not persuasive.

Although the claim language asserts that the computer is independent from the playback control device, there is no specific mention or definition of an independent computer in the specification.

The specification defines the computer on page 11. Here, it states the alternative nature of the computer: "The computer can be located remotely from the playback control device and alternately, the computer and playback control device can be integrated into a single device.

When not used to create or modify continuous play programs, the computer can be used as a playback device." The abstract of the invention also states that the computer and the playback control device can be integrated.

### *Conclusion*

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

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CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uzma Alam whose telephone number is (571) 272-3995. The examiner can normally be reached on Monday-Tuesday 5:30 AM - 2:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Uzma Alam  
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February 27, 2007

  
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FEBRUARY 27 2007